

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) In a computer system that is connectable to a number of network environments, each network environment being associated with one or more parameters, a method for selecting characteristics associated with ~~the a network environment the computer system is connected to~~, so as to reduce the configuration information that needs to be manually entered, comprising the following:

an act of failing to connect the computer system to a first network environment from among the number of network environments;

an act of connecting the computer system, ~~which is configured with a first configuration,~~ to a second network environment from among the number of network environments to receive one or more network environment parameters for the first network environment;

an act of ~~accessing~~ receiving one or more network environment parameters, including at least one parameter indicative of latency information for the first network environment and at least one parameter indicative of available bandwidth information, the one or more network environment parameters representative of data transfer conditions within the first network environment, the one or more network environment parameters accessed from the second network environment subsequent to connecting to the network environment; and that will be used to select characteristics associated with the first network environment;

an act of combining the ~~accessed~~ received one or more network environment parameters, including the at least one parameter indicative of the latency information for the first network environment and the at least one parameter indicative of the available bandwidth information for the first network environment, to generate an identifier for the first network environment;

an act of, based on the identifier, selecting characteristics specific to operating under the data transfer conditions within the first network environment, the selected characteristics having been saved from a previous connection to the second network environment; ~~and~~

an act of utilizing the selected characteristics, which correspond specifically to operating under the data transfer conditions of the first network environment, to automatically modify the configuration of the computer system ~~from the first configuration to a new configuration~~ to thereby configure the computer system for operating in the first network environment under the data transfer conditions.; and

an act of connecting the computer system to the first network environment from among the number of network environments;

2. (Currently Amended) The method as recited in claim 1, wherein the act of connecting the computer system to ~~an~~ a network environment from among the number of network environments comprises the following:

act of connecting a mobile computer system to ~~an~~ a network environment from among the number of network environments.

3. (Currently Amended) The method as recited in claim 1, wherein the act of connecting the computer system to ~~an~~ a network environment from among the number of network environments comprises the following:

an act of connecting the computer system to a network environment from among a number of network environments.

4. (Previously Presented) The method as recited in claim 3, wherein the act of connecting the computer system to a network environment from among a number of network environments comprises the following:

an act of connecting the computer system to a network environment from among a number of network environments that are each associated with different operating environments.

5. (Currently Amended) The method as recited in claim 1, wherein the act of connecting the computer system to ~~an~~a network environment from among the number of network environments comprises the following:

an act of connecting the computer system to a docking station network environment from among a number of docking station network environments.

6. (Previously Presented) The method as recited in claim 5, wherein the act of connecting the computer system to a docking station network environment from among a number of docking station network environments comprises the following:

act of connecting the computer system to a docking station network environment from among a number of docking station network environments that are each associated with different operating environments.

7. (Currently Amended) The method as recited in claim 1, wherein the act of connecting the computer system to ~~an~~a network environment from among the number of network environments comprises the following:

connecting the computer system to a combined network environment.

8. (Currently Amended) The method as recited in claim 1, wherein the act of ~~accessing~~receiving one or more network environment parameters associated with the computer system that were provided by the network environment comprises the following:

an act of receiving one or more network environment parameters associated with the computer system that were provided by a network environment.

9. (Previously Presented) The method as recited in claim 8, wherein act of receiving one or more parameters associated with the computer system that were provided by a network environment comprises the following:

an act of receiving one or more parameters associated with communication techniques utilized by the network environment.

10. (Previously Presented) The method as recited in claim 9, wherein the act of receiving one or more parameters associated with communication techniques utilized by the network environment comprises the following:

an act of receiving a network address that was provided by the network environment.

11. (Previously Presented) The method as recited in claim 9, wherein the act of receiving one or more parameters associated with communication techniques utilized by the network environment comprises the following:

an act of receiving a subnet mask that was provided by the network environment.

12. (Previously Presented) The method as recited in claim 9, wherein the act of receiving one or more parameters associated with communication techniques utilized by the network environment comprises the following:

an act of receiving one or more parameters indicative of the network environment utilizing a proxy.

13. (Previously Presented) The method as recited in claim 9, wherein the network environment utilizes a virtual private network.

14. (Previously Presented) The method as recited in claim 9, wherein the act of receiving one or more parameters associated with the computer system that were provided by the network environment comprises the following:

an act of receiving one or more parameters associated with the computer system that were provided by a docking station network environment.

15. (Previously Presented) The method as recited in claim 14, wherein the act of receiving one or more parameters associated with the computer system that were provided by a docking station network environment comprises the following:

an act of receiving one or more parameters associated with peripherals that are attached to the docking station network environment.

16. (Cancelled).

17. (Currently Amended) The method as recited in claim 1, wherein the act of ~~accessing~~ receiving one or more network environment parameters associated with the computer system that were provided by the network environment comprises the following:

an act of receiving one or more network environment parameters associated with the computer system that were provided by the computer system.

18. (Currently Amended) The method as recited in claim 1, wherein the act of ~~accessing~~ receiving one or more network environment parameters associated with the computer system that were provided by the network environment comprises the following:

an act of receiving one or more parameters from a combined network environment.

19. (Currently Amended) The method recited in claim 1, wherein the act of combining the one or more parameters to generate an identifier comprises the following:

an act of combining the one or more parameters that ~~where~~ were provided by a network environment to generate an identifier.

20. (Previously Presented) The method recited in claim 19, wherein the act of combining the one or more parameters that where provided by a network environment to generate an identifier comprises the following:

an act of combining one or more parameters associated with communication techniques that are utilized by the network environment.

21. (Previously Presented) The method recited in claim 20, wherein the act of combining the one or more parameters associated with communication techniques that are utilized by the network environment comprises the following:

an act of performing a logical AND operation on a network address and a subnet mask to generate a subnet address that is representative of a network location.

22. (Currently Amended) The method recited in claim 1, wherein the act of, based on the identifier, selecting characteristics associated with ~~the~~a network environment ~~the computer system is connected to~~ comprises the following:

an act of selecting characteristics associated with ~~the~~a network environment ~~the computer system is connected to~~ that cause the computer system to utilize a proxy.

23. (Currently Amended) The method recited in claim 1, wherein the act of, based on the identifier, selecting characteristics associated with ~~the~~a network environment ~~the computer system is connected to~~ comprises the following:

an act of selecting characteristics associated with ~~the~~a network environment ~~the computer system is connected to~~ that cause the computer system to utilize a virtual private network.

24. (Currently Amended) The method recited in claim 1, wherein the act of, based on the identifier, selecting characteristics associated with ~~the~~a network environment ~~the computer system is connected to~~ comprises the following:

an act of selecting characteristics associated with a network location the computer system connected to.

25. (Currently Amended) The method recited in claim 1, wherein the act of, based on the identifier, selecting characteristics associated with ~~the~~a network environment ~~the computer system is connected to~~ comprises the following:

an act of selecting characteristics associated with a docking station the computer system connected to.

26. (Currently Amended) The method recited in claim 1, wherein the act of, based on the identifier, selecting characteristics associated with ~~the~~a network environment ~~the computer system is connected to~~ comprises the following:

an act of selecting characteristics associated with the network environment from a system registry.

27. (Currently Amended) The method recited in claim 1, wherein the act of, based on the identifier, selecting characteristics associated with ~~the~~ a network environment ~~the computer system is connected to~~ comprises the following:

an act of selecting characteristics associated with ~~the~~ a network environment by utilizing information that was manually entered by a user.

28. (Currently Amended) The method recited in claim 1, wherein the act of, based on the identifier, selecting characteristics associated with ~~the~~ a network environment ~~the computer system is connected to~~ comprises the following:

an act of, based on the identifier, selecting characteristics associated with a combined network environment the computer system is connected to.

29-44. (Cancelled).

45. (Previously Presented) A method as recited in claim 1, wherein modifying the configuration includes loading drivers with some peripherals and unloading drivers for other peripherals.

46. (Previously Presented) A method as recited in claim 1, wherein modifying the configuration includes ceasing a NIC connection and beginning a modem connection.

47-49. (Cancelled).

50. (Previously Presented) A method as recited in claim 1, wherein the one or more parameters include parameters associated with a keyboard.

51. (Previously Presented) A method as recited in claim 1, wherein the one or more parameters include parameters associated with a monitor.

52. (Previously Presented) A method as recited in claim 1, wherein the one or more parameters include parameters associated with a printer.

53. (Previously Presented) A method as recited in claim 1, wherein the one or more parameters include parameters associated with a peripheral device.

54. (Previously Presented) A method as recited in claim 1, wherein the one or more parameters include parameters associated with expansion card capabilities of a docking station.

55. (Previously Presented) A method as recited in claim 1, wherein the one or more parameters include parameters associated with memory or mass storage capabilities of a docking station.

56. (Previously Presented) A method as recited in claim 1, wherein the method further includes:

detecting a change in the network environment due to detecting from GPS data that the computer system has crossed an international border.

57-59. (Cancelled)

60. (Previously Presented) A method as recited in claim 1, wherein modifying the configuration of the computer system further includes automatically changing from a favorites list used with a previously connected network environment to a different favorites list for use with the network environment the computer system is being connected to.

61. (Previously Presented) The method as recited in claim 1, wherein modifying the configuration of the computer system includes changing one or more country dependent software settings including a currency symbol setting.